

Appl. No. 10/633,150
Amdt. Dated Jun. 2, 2004
Reply to Office Action of Mar. 2, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A cable connector assembly comprising:

a housing having a mating face, an outer side face, a receiving space defined in the mating face, a plurality of passageways ~~[[in]]~~ communicating with the receiving space, and a guiding post formed on the outer face and extending along the outer face in a mating direction of the housing;

a plurality of contacts received in the passageways of the housing;

a cable electrically connecting with the contacts; and

an enclosure enclosing the housing, the contacts, and the cable, the enclosure being formed with a positioning post on an outer side ~~[[wall]]~~ face thereof and extending in the mating direction of the housing.

Claim 2 (currently amended): The cable connector assembly ~~[[ad]]~~ as claimed in claim 1, wherein the positioning post is adjacent and substantially parallel to the guiding post of the housing.

Claim 3 (original): The cable connector assembly as claimed in claim 2, wherein the guiding post and the positioning post define a slot therebetween.

Appl. No. 10/633,150
Amdt. Dated Jun. 2, 2004
Reply to Office Action of Mar. 2, 2004

Claim 4 (original): The cable connector assembly as claimed in claim 1, wherein the guiding post of the housing and the positioning post of the enclosure extend not beyond the mating face of the housing.

Claim 5 (original): The cable connector assembly as claimed in claim 1, wherein the positioning post has a lead-in face on a free end thereof.

Claim 6 (original): The cable connector assembly as claimed in claim 1, wherein the enclosure is formed with a plurality of ribs on an upper face thereof.

Claim 7 (original): The cable connector assembly as claimed in claim 1, wherein the cable extends in the mating direction of the housing.

Claim 8 (currently amended): The cable connector assembly as claimed in claim 1, wherein the cable ~~connector assembly~~ extends in a direction which is perpendicular to the mating direction of the cable connector assembly.

Claim 9 (currently amended): An electronic assembly comprising:

a plug connector comprising a plug housing and a plurality of plug contacts received in the plug housing, the plug housing defining a first and a second grooves on a first and a second ends thereof;

a first cable connector assembly comprising a first housing having a first outer face and a first guiding post formed on the first outer face and extending along the outer face in a mating direction of the first housing, a plurality of first contacts received in the first housing, a cable electrically connecting with the first contacts, and a first enclosure enclosing the first housing, the first contacts and the first cable,

Appl. N . 10/633,150
Amdt. Dated Jun. 2, 2004
Reply to Office Action of Mar. 2, 2004

the first enclosure being formed with a first positioning post on a first outer side wall thereof and extending parallelly to the first guiding post, the first guiding post and the first positioning post being received in the first groove of the plug housing; and

a second cable connector assembly comprising a second housing having a second outer face and a second guiding post formed on the second outer face and extending along the outer face in a mating direction of the second housing, a plurality of second contacts received in the second housing, a cable electrically connecting with the second contacts, and a second enclosure enclosing the second housing, the second contacts and the second cable, the second enclosure being formed with a second positioning post on a second outer side wall thereof and extending parallelly to the second guiding post, the second guiding post and the second positioning post being received in the second groove of the plug housing.

Claim 10 (original): An electrical connector assembly comprising:

a board mount connector including a first insulative elongated housing defining a mating plate with a groove extending, along a front-to-back direction, in an inner face of an end wall opposite to said mating plate along a longitudinal direction perpendicular to said front-to-back direction;

a plurality of first contacts disposed on the mating plate;

a cable connector assembly including a second insulative elongated housing configured to be compliantly received in the first housing and defining a receiving space compliantly receiving the said mating plate therein;

a plurality of second contacts disposed in the receiving space and engaged with the corresponding first contacts, respectively;

a cable linked to a rear end of the cable connector assembly; and

Appl. No. 10/633,150
Amdt. Dated Jun. 2, 2004
Reply to Office Action of Mar. 2, 2004

a guiding post integrally formed on one end of the second housing; wherein said cable connector further includes a forwardly extending positioning post spatially located outside of the guiding post in said longitudinal direction, a front portion of said positioning post is deflectably received in groove.

Claim 11 (original): The assembly as claimed in claim 10, wherein said positioning post is inwardly deflected in said longitudinal direction for provision of retention between the board mount connector and the cable connector assembly.

Claim 12 (original): The assembly as claimed in claim 11, wherein said positioning post is configured corresponding to the groove to perform both retention and guiding functions.

Claim 13 (original): The assembly as claimed in claim 10, wherein said positioning post extends forwardly from an over-molded cover located behind the second housing, said cover being longer than the second housing along said longitudinal direction.

Claim 14 (original): The assembly as claimed in claim 10, wherein said first housing further includes another mating plate with a plurality of third contacts thereon, and another groove is formed in an inner face of the other end wall.

Claim 15 (original): The assembly as claimed in claim 14, wherein another cable connector assembly includes a third housing with another deflectable positioning post spatially located aside and retainably received in said another groove, said positioning post and said another positioning post being essentially

Appl. N . 10/633,150
Amdt. Dated Jun. 2, 2004
Reply to Office Action f Mar. 2, 2004

located respectively at two opposite farthest end sections, in said longitudinal direction, of both said cable connector assembly and said another cable assembly.